

TOP SECRET 325200

BEST AVAILABLE COPY

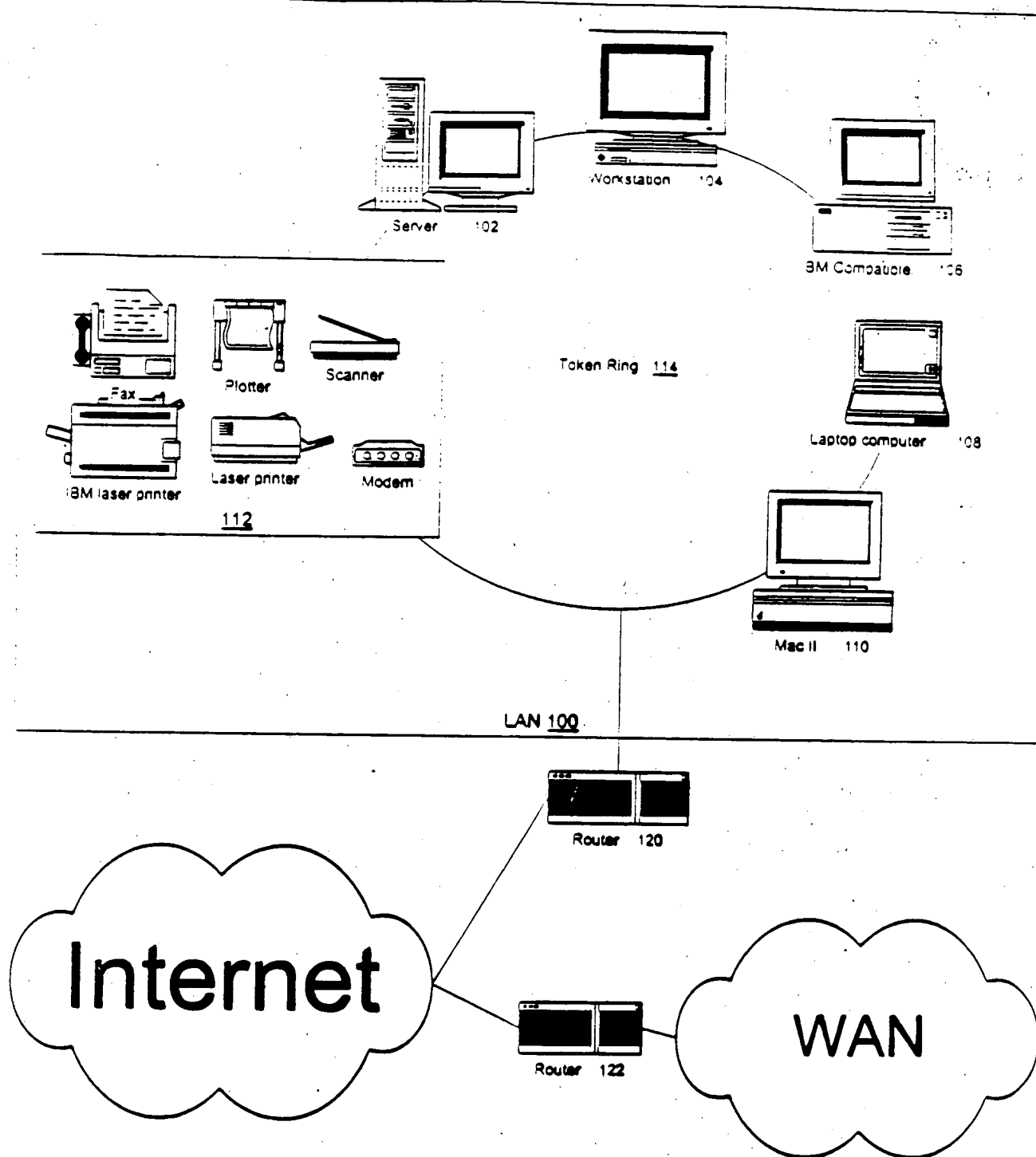


Fig. 1

Application Layer / Layer 5  
202

Transport Layer / Layer 4  
204

Internet Layer / Layer 3  
206

Network Interface Layer / Layer 2  
208

Physical Layer / Layer 1  
210

## TCP/IP Layering Model

Fig. 2

Fig. 3

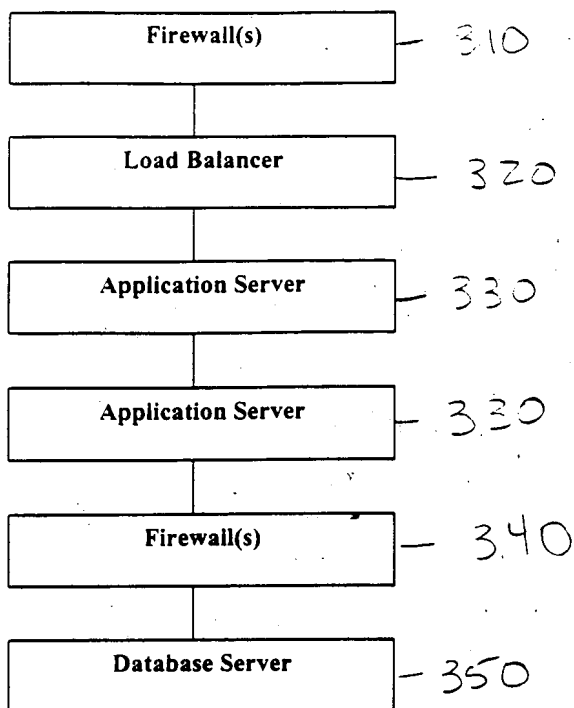


FIGURE 4

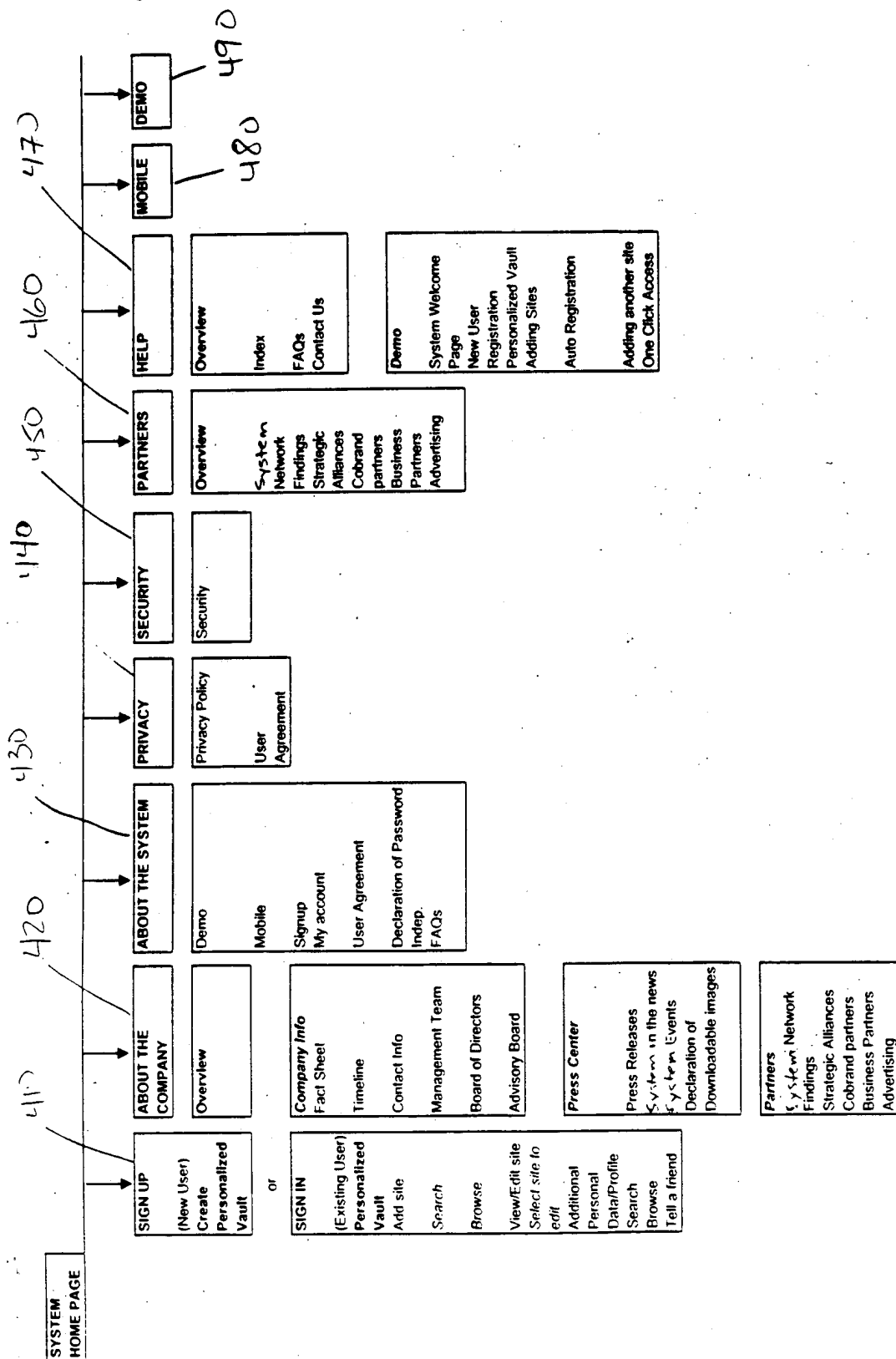


Fig. 5

The screenshot shows a web browser window displaying the essential.com website. The browser's address bar shows the URL. The website has a navigation bar with links: HOME, update your profile, mobile, privacy, security, partners, demo, HELP, and LOGOUT. The main content area is titled "open your vault" and contains a registration form. The form includes fields for First name, Last name, and Email address. Below the email field, there is a text block explaining the system's benefits and a link to read policies. The Password field is followed by guidelines for creating a password. A checkbox at the bottom allows users to receive updates. Handwritten annotations "510", "520", and "530" are present next to the form fields. A padlock icon is visible on the right side of the form.

Address: [Address Bar]

HOME update your profile mobile privacy security partners demo HELP LOGOUT

**open your vault**

Unlock the power of the Internet now with a single User Name and Password. The System will allow you to have one click sign-on to all of the Web sites you like to visit. Sign up now!

First name: [Field]

Last name: [Field]

Email address: [Field]

Your email address will serve as your Master User Name. We may also need to contact you to ensure your account's security.

Only you have access to your System Account. Please choose a password to protect your account. [Click here to read our policies about recovering lost usernames and passwords.](#)

Password: [Field]

Guidelines for creating your password:

- Must be 5-20 characters in length
- Must contain at least one letter and one number
- Must not contain spaces or special characters

Retype password: [Field]

☒ Send me updates about the system services.

510

520

530

Fig. 6

Finders, ...Keepers

LinkExchange

MY VAULT | Create your profile | Mobile | Personal | Security | Payments | Amazon | HELP | LOGOUT

### password recovery

At Amazon.com, the security and privacy of your account are our highest priorities. In the unlikely event that you lose the password to your **SYSE** account, we have developed a secure method to recover your data.

If you chose to enable Password Recovery, and you lose your password, we will send you an email with the following information:

- first character of password
- last character of password
- total length of password
- an optional hint that you have supplied

You also have the option to disable the password recovery system.

☒ Yes! Turn on the password recovery capability for my account. - 620

If you would like to set an optional hint for your account which will be sent to your email address if you lose your password, please enter it below.

Optional hint:  - 630

☐ No. Please do not enable password recovery for my account. - 640

I understand that if I lose my password, it will be impossible be able to recover any of the data that I store in Catavault.

amazon.com

Fig. 7

The image is a screenshot of a web browser displaying the 'Gadget Universe' website. The browser's address bar shows 'http://www.gadgetuniverse.com/'. The website has a dark header with the 'Gadget Universe' logo and a navigation bar with links: MY VAULT, update your profile, mobile, links, security, partners, about, HELP, and LOGOUT. The main content area asks 'do you have an account with about.com?'. There are two tabs: 'yes' and 'no'. The 'yes' tab is selected and contains a sign-in form with fields for Username, Password, and Repeat Password, and a 'Sign In' button. Below the form, it says 'If you don't have your sign-in information, try visiting [About.com](#) to recover this information.' with links for 'visit site' and 'cancel'. The 'no' tab is titled 'Let us register you now!' and contains a 'Register' button and a 'Cancel' button. Handwritten annotations include '710' pointing to the 'yes' tab, '720' pointing to the sign-in form, and '730' pointing to the 'no' tab.

File Edit View Favorites Tools Help  
Back Forward Stop Reload Home  
Address: http://www.gadgetuniverse.com/

**Gadget Universe** LINK exchange

MY VAULT update your profile mobile links security partners about HELP LOGOUT

do you have an account with about.com?

**yes**

If you remember your sign-in information for About.com, please enter it in the fields below, and it will be stored permanently in your vault.

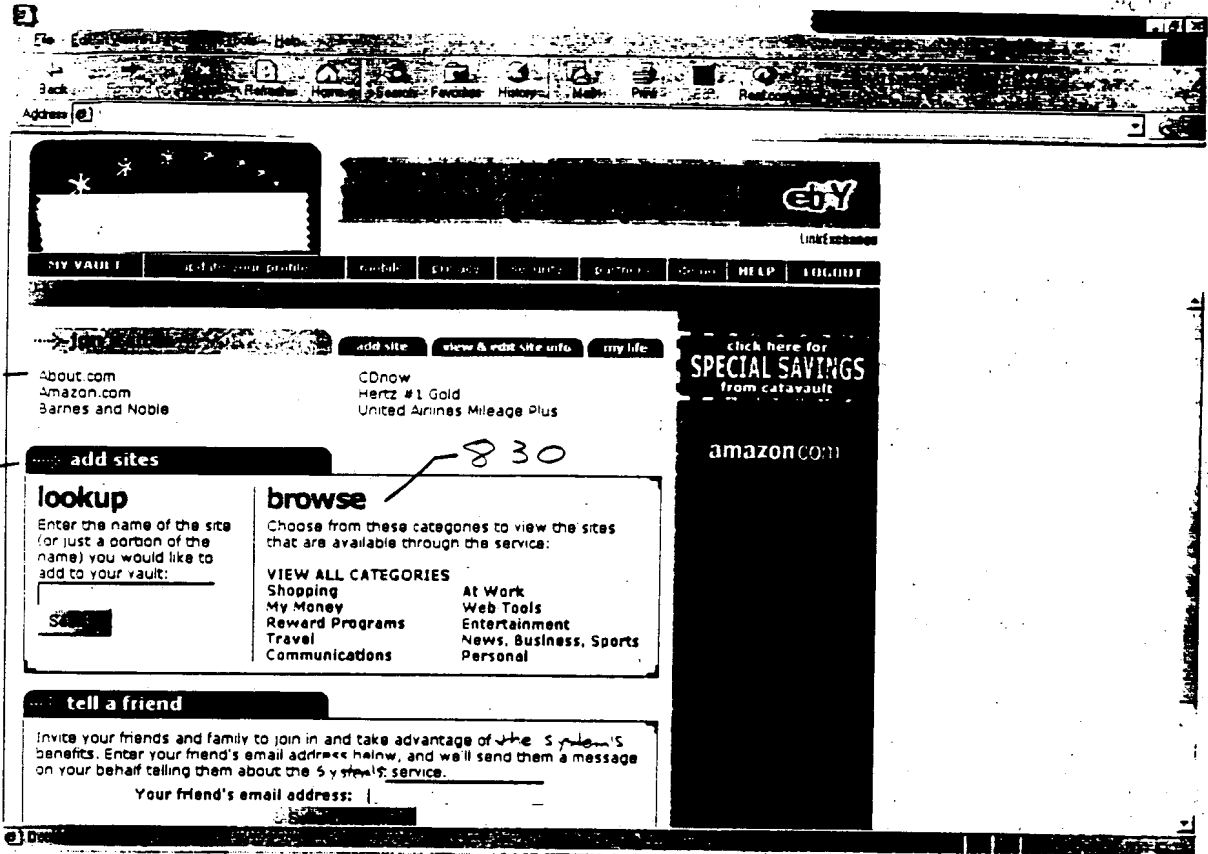
Username   
Password   
Repeat Password

If you don't have your sign-in information, try visiting [About.com](#) to recover this information.  
[visit site](#) [cancel](#)

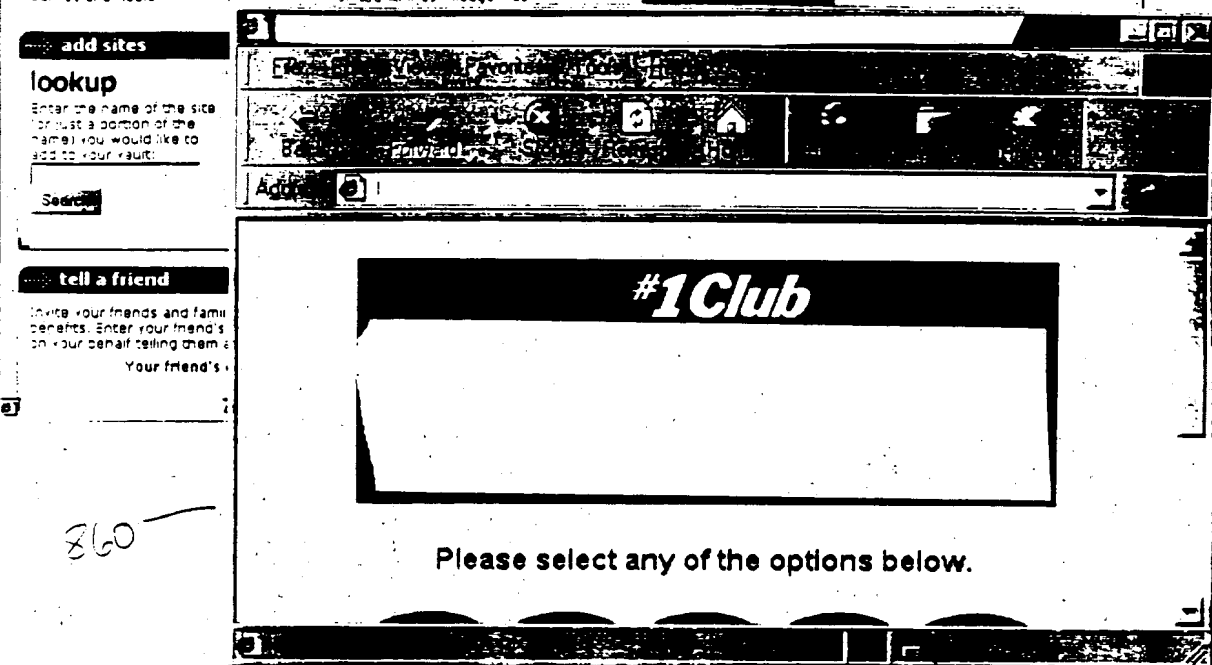
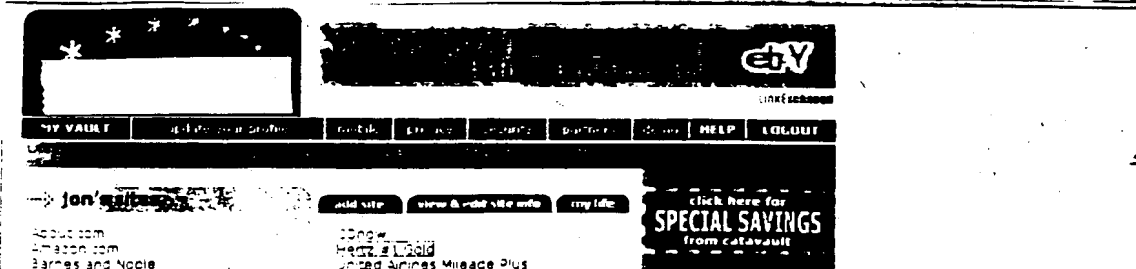
**no**

Let us register you now!

Fig. 8A





[illegible][illegible]

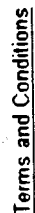


Fig. 9A

910

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites History Mail Print Run

Address:

LinkExchange

MY VAULT update your profile Profile Privacy Security Partners Contact HELP LOGOUT

**profile update**

Unfortunately we cannot automatically register you for About.com yet because some information is missing from your master profile. Please enter the necessary information below, and this information will automatically be stored in your master profile. (Remember that the system will never reveal your personal information without your explicit approval.)

Birth month January

Birth year 1944

Birth day 5

Gender --- Pick one ---  
Female  
Male

Go

Done

Fig. 9B

The screenshot shows a web browser window with the address bar displaying "http://www.llbean.com". The browser's menu bar includes "File", "Edit", "View", "Format", "Tools", "Window", and "Help". The toolbar contains buttons for "Back", "Forward", "Home", "Search", "Favorites", "History", "Mail", "Print", and "Reload". The main content area features a header with the text "SHOP L.L.BEAN ON-LINE" and a "click here" link. Below the header is a navigation bar with links: "MY VAULT", "update your profile", "mobile", "privacy", "security", "partners", "about", "HELP", and "LOG OUT". The central part of the page displays a "user agreement" form. The form text reads: "In conformance with the system's privacy policy, before we auto-register you for About.com, we would like to show you which information we will be sending to About.com and allow you to confirm your decision to transfer this data:". The form fields are: "First Name", "Last Name", "Email Address", "Birth Month", "Birth Day", "Birth Year", "Gender", and "Zip Code". A "Submit" button is located at the bottom left of the form. A "920" is handwritten next to the form. The browser's status bar at the bottom shows "Done".

920

File Edit View Format Tools Window Help

Back Forward Home Search Favorites History Mail Print Reload

Address http://www.llbean.com

SHOP L.L.BEAN ON-LINE [click here](#)

MY VAULT update your profile mobile privacy security partners about HELP LOG OUT

user agreement

In conformance with the system's privacy policy, before we auto-register you for About.com, we would like to show you which information we will be sending to About.com and allow you to confirm your decision to transfer this data:

First Name  
Last Name  
Email Address  
Birth Month  
Birth Day  
Birth Year  
Gender  
Zip Code

Submit

Done

Fig. 9C

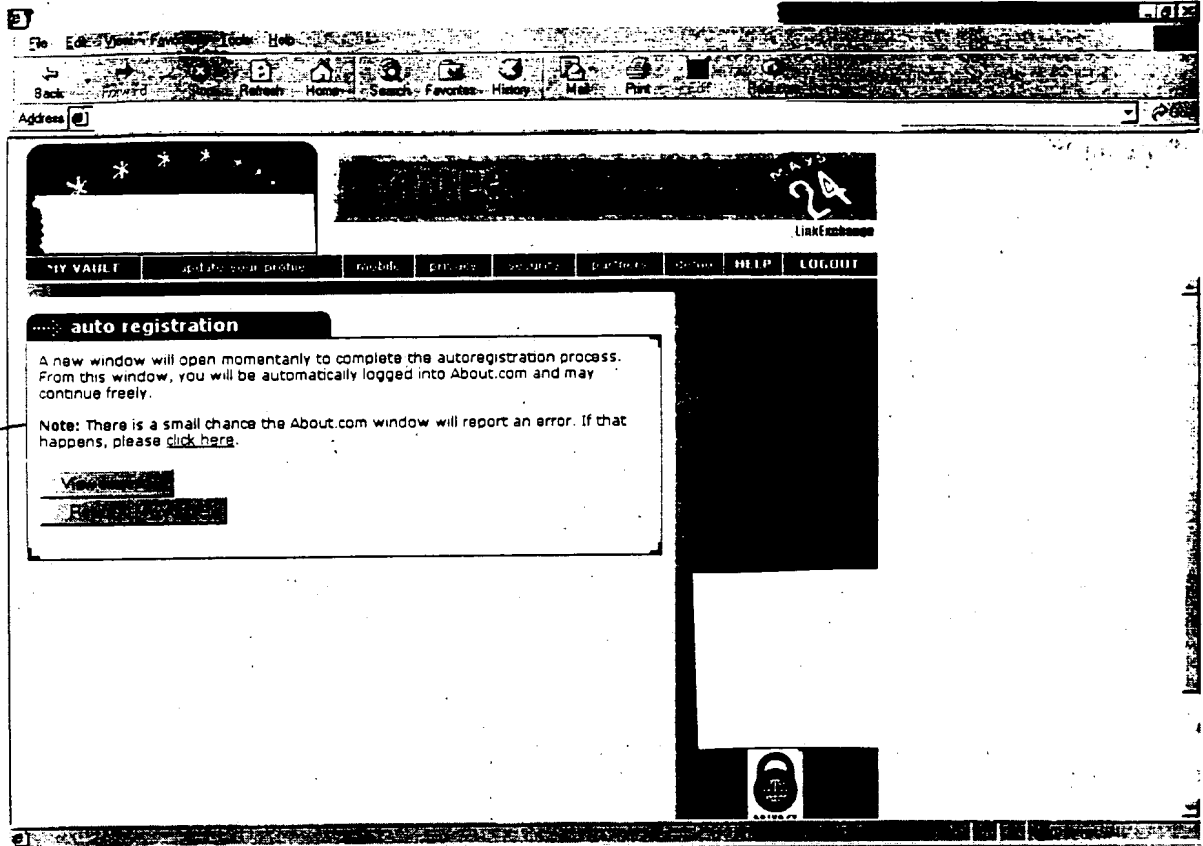


Fig. 9D

940

File Edit View Favorites Tools Help

Back Forward Home Stop Search Favorites History Mail Print

Address

Advertisements on this site

About.com  
How much do you want to know about About.com?

You are here: [About](#) > [Membership](#) > Thank You

## Member Center

You are logged in as

[Click here to login.](#)

### Your Options

- Email**  
Click [here](#) to create your own About.com email account FREE.
- Personal Web Pages**  
[Create a Personal Web Page](#)
- Personal Profile**  
[Edit My Information](#)  
[View My Profile](#)  
[Join More Sites](#)  
[Change My Password](#)  
[Edit My Sites](#)
- Help**  
[FAQs](#)  
[Join Us](#)  
[Email Problem Form](#)  
[General Problem Form](#)

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|   |  |                                    |
|---|--|------------------------------------|
| <b>Business</b>                                   | <input type="checkbox"/> Affiliate Programs (website partnering) | <input type="checkbox"/> Investing |
| <input type="checkbox"/> Business Opportunities   | <input type="checkbox"/> Small Business Owners                   |                                    |
| <input type="checkbox"/> Debt Consolidation       | <input type="checkbox"/> Tax Preparation                         |                                    |
| <input type="checkbox"/> Entrepreneurs            | <input type="checkbox"/> Web Banking                             |                                    |
| <b>Computer and Internet</b>                      | <input type="checkbox"/> Internet Shopping                       |                                    |
| <input type="checkbox"/> Computer Hardware        | <input type="checkbox"/> Web Design and Promotion                |                                    |
| <input type="checkbox"/> Hardware/Software Deals  |  |                                    |
| <b>Entertainment</b>                              | <input type="checkbox"/> Free Stuff                              |                                    |
| <input type="checkbox"/> Books                    | <input type="checkbox"/> Gambling and Lottery                    |                                    |
| <input type="checkbox"/> Books - Children's Books | <input type="checkbox"/> Movies and Videos                       |                                    |
| <input type="checkbox"/> Children's Games         |  |                                    |

#### MEMBER SERVICES

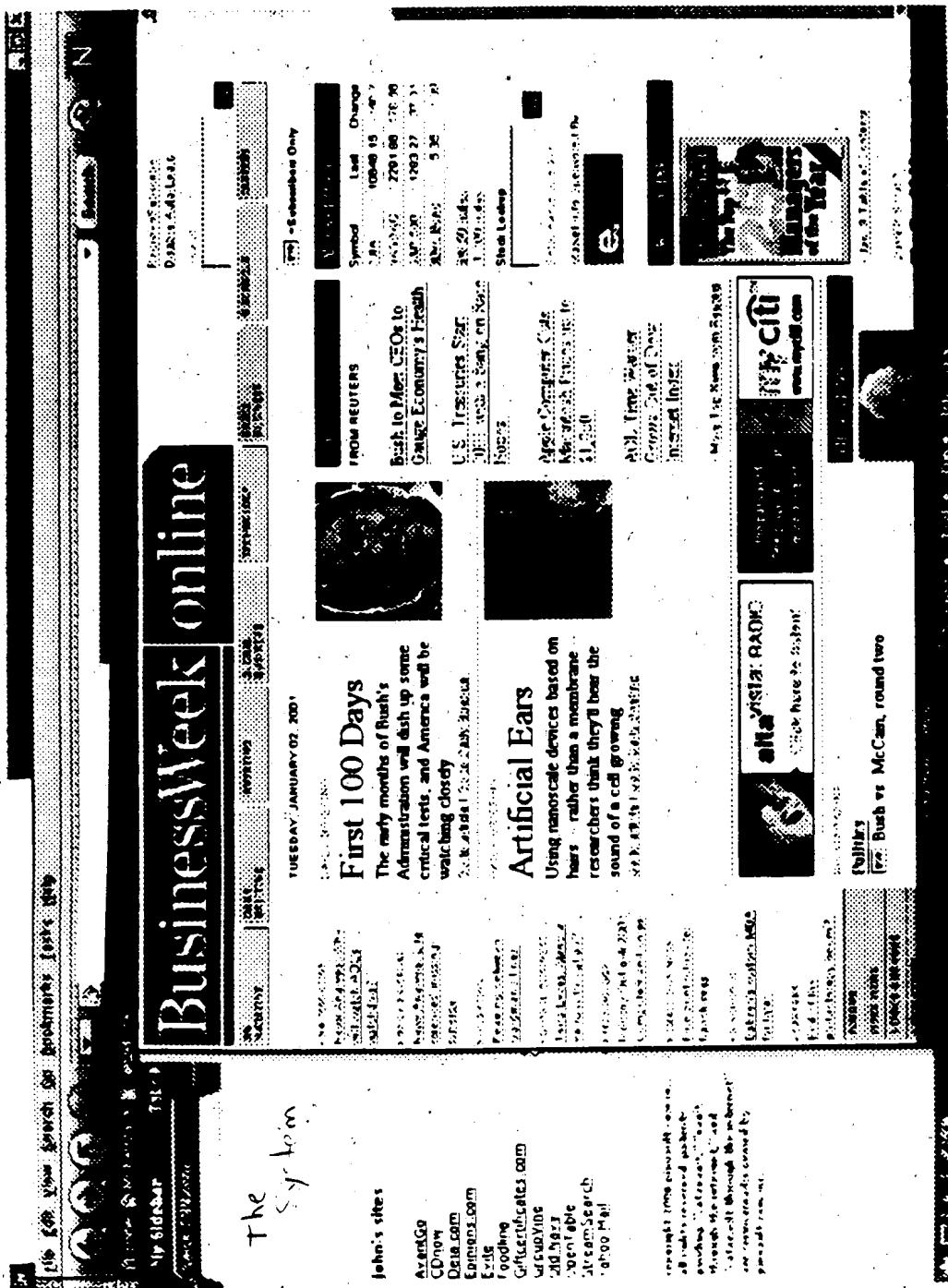
##### CURRENT PROMOTIONS

[Special Offers](#)  
[Online Banking](#)  
[Find A Member](#)  
[Link to Us](#)

1010 — The System

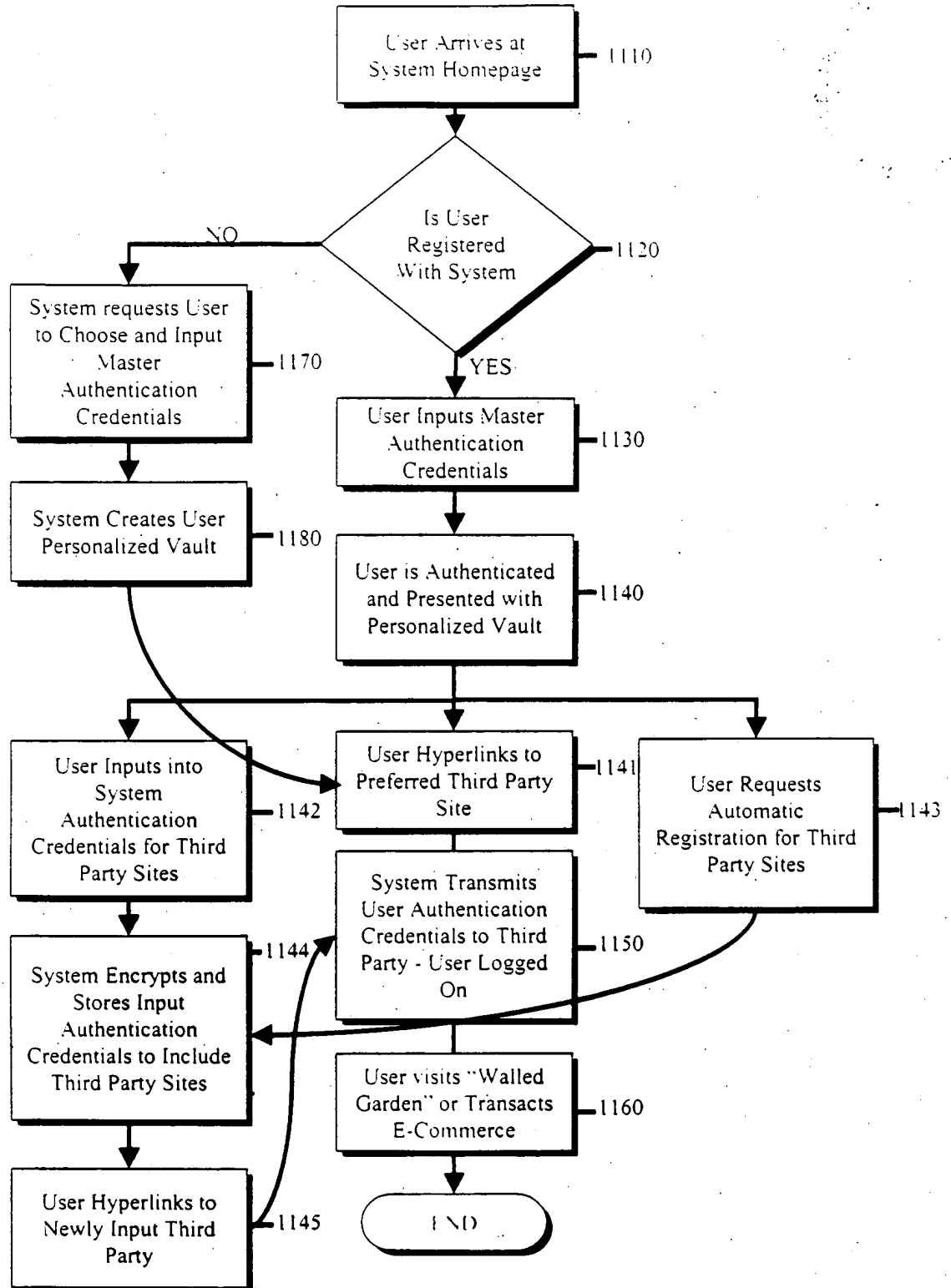
10/01

## John's sites

[illegible]

10-6-11

Fig 11





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